

PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
7475-29603SERIAL NO.  
08/869,275

## LIST OF PRIOR ART CITED BY APPLICANT

APPLICANT  
Carl T. Wittwer et al.FILING DATE  
June 4, 1997GROUP  
~~2505~~ 1655

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AM	AA	5,585,242	12/17/96	BOUMA ET AL.	435	6	
AM	AB	5,565,322	10/15/96	HELLER	435	6	
AM	AC	5,563,037	10/08/96	SUTHERLAND ET AL.	435	6	
AM	AD	5,455,175	10/03/95	WITTWER ET AL.	435	286.1	
AM	AE	5,436,134	07/25/95	HAUGLAND ET AL.	435	34	
AM	AF	5,425,921	06/20/95	COAKLEY ET AL.	422	102	
AM	AG	5,415,839	05/16/95	ZAUN ET AL.	422	64	
AM	AH	5,380,489	01/10/95	SUTTON ET AL.	422	68.1	
AM	AI	5,364,790	11/15/94	ATWOOD ET AL.	435	288	
AM	AJ	5,348,853	09/20/94	WANG ET AL.	435	6	
AM	AK	5,346,672	09/13/94	STAPLETON ET AL.	422	102	
AM	AL	5,333,675	08/02/94	MULLIS ET AL.	165	12	
AM	AM	5,316,913	05/31/94	BUTCHER ET AL.	435	7.24	
AM	AN	5,240,577	08/31/93	JORGENSEN ET AL.	204	180.1	
AM	AO	5,234,586	08/10/93	AFEYAN ET AL.	210	198.2	
AM	AP	5,187,084	02/16/93	HALLSBY	435	91	
AM	AQ	5,173,163	12/22/92	TEHRANI	204	299R	
AM	AR	5,169,521	12/08/92	OKA ET AL.	210	198.2	
AM	AS	5,169,511	12/08/92	ALLINGTON ET AL.	204	299R	
AM	AT	5,141,621	08/25/92	ZARE ET AL.	204	229R	
AM	AU	5,137,695	08/11/92	RUSNAK ET AL.	422	116	
AM	AV	5,131,998	07/21/92	JORGENSEN ET AL.	204	299R	
AM	AW	5,116,471	05/26/92	CHIEN ET AL.	204	180.1	
AM	AX	5,114,551	05/19/92	HJERTEN ET AL.	204	180.1	
AM	AY	5,038,852	08/13/91	JOHNSON ET AL.	165	12	
AM	AZ	4,981,801	01/01/91	SUZUKI ET AL.	435	298	

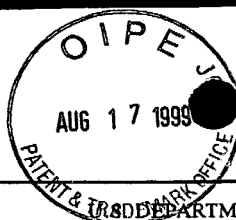
EXAMINER

*Adrian Mascher*

DATE CONSIDERED

11-8-99

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



PTO-1449 <b>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</b>	<b>ATTY. DOCKET NO.</b> 7475-29603	<b>SERIAL NO.</b> 08/869,275
	<b>APPLICANT</b> Carl T. Wittwer et al.	
	<b>FILING DATE</b> June 4, 1997	<b>GROUP</b> <del>2503</del> 1655

**LIST OF PRIOR ART CITED BY APPLICANT****U.S. PATENT DOCUMENTS**

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AM	BA	4,965,188	10/23/90	MULLIS ET AL.	435	6	
AM	BB	4,902,624	02/20/90	COLUMBUS ET AL.	435	316	
AM	BC	4,889,818	12/26/89	GELFAND ET AL.	435	194	
AM	BD	4,868,103	09/19/89	STAVRIANOPOULOS ET AL.	435	5	
AM	BE	4,865,986	09/12/89	COY ET AL.	435	290	
AM	BF	4,708,782	11/24/87	ANDRESEN ET AL.	204	299R	
AM	BG	4,701,415	10/20/87	DUTTON ET AL.	435	289	
AM	BH	4,684,465	08/04/87	LEASEBURGE ET AL.	210	198.2	
AM	BI	4,683,202	07/28/87	MULLIS	435	91	
AM	BJ	4,683,195	07/28/87	MULLIS ET AL.	435	6	
AM	BK	4,675,300	06/23/87	ZARE ET AL.	436	172	
AM	BL	4,599,169	07/08/86	RAY	210	175	
AM	BM	4,481,405	11/06/84	MALICK	219	405	
AM	BN	4,468,423	08/28/84	HALL	428	72	
AM	BO	4,420,679	12/13/83	HOWE	219	400	
AM	BP	4,286,456	09/01/81	SISTI ET AL.	73	23.1	
AM	BQ	4,168,017	09/18/79	ANDERWALD	222	48	
AM	BR	4,038,055	07/25/77	VARANO ET AL.	59	197	
AM	BS	3,616,264	10/26/71	RAY ET AL.	195	127	
AM	BT	2,379,474	07/03/45	BRAMSON	237	3	
AM	BU	1,456,005	05/22/23	HARRIS			
AM	BV	1,006,767	10/24/11	MAUGER			
AM	BW	5,210,015	5/11/93	GELFAND ET AL.	435	6	
AM	BX	3,219,416	11/23/65	NATELSON	23	253	

EXAMINER

*And Marshall*

DATE CONSIDERED

11-8-99

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

AUG 17 1999

Sheet 3 of 7

PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
7475-29603SERIAL NO.  
08/869,275

## LIST OF PRIOR ART CITED BY APPLICANT

APPLICANT  
Carl T. Wittwer et al.FILING DATE  
June 4, 1997GROUP  
2805

1655

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
AM	CA	0 640 828 A1	<del>08/16/94</del> 3/1/95	EPO, Higuchi et al.	_____	_____		
AM	CB	0 488 769 A2	<del>11/09/91</del> 6/3/92	EPO, Mossa et al.	_____	_____		
AM	CC	0 475 760 A2	<del>09/12/91</del> 3/18/92	EPO, Jorgenson et al.	_____	_____		
AM	CD	0 459 241 A1	<del>03/16/91</del> 12/4/91	EPO, Fuchs et al.	_____	_____		
AM	CE	0 236 069 A2	<del>03/24/87</del> 9/9/87	EPO, Johnson et al.	_____	_____		
AM	CF	0 229 943 A2	<del>04/17/83</del> 7/27/87	EPO, Heller et al.	_____	_____		
AM	CG	0 566 751	10/27/93	EPO, Bannwarth et al.	_____	_____		
AM	CH	0 636 413	2/1/95	EPO, Hall et al.	_____	_____		
AM	CI	0 318 255	5/31/89	EPO, Columbus et al.	_____	_____		
AM	CJ	0 674 009	9/27/95	EPO, Cottingham et al.	_____	_____		
AM	CK	0 404 258	12/27/90	EPO, Bonini	_____	_____		
AM	CL	0 686 699	12/13/95	EPO, Atwood	_____	_____		
AM	CM	0 643 140	3/15/95	EPO, Yamamoto et al.	_____	_____		
AM	CN	3 808 942 A1	09/28/89	DE, Louis et al.	_____	_____		
AM	CO	6 212 986	03/23/87	JP (Abstract)	_____	_____		
AM	CP	2 122 187	8/25/72	FR	_____	_____		
AM	CQ	WO 95 13399	5/18/95	PCT, Tryggvason et al.	_____	_____		
AM	CR	WO 95 21382	8/10/95	PCT, Fields	_____	_____		
AM	CS	WO 96 06354	2/29/96	PCT, Cathey et al.	_____	_____		
AM	CT	WO 96 00901	1/11/96	PCT, Selom et al.	_____	_____		
AM	CU	WO 95 32306	11/30/95	PCT, Wang et al.	_____	_____		
AM	CV	WO 95 30139	11/09/95	PCT, Woudenberg et al.	_____	_____		
AM	CW	WO 92 20778	11/26/92	PCT, Corbett et al.	_____	_____		
AM	CX	WO 89 09437	10/05/89	PCT, Deem et al.	_____	_____		

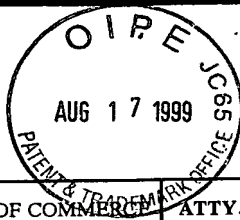
EXAMINER

Ardin Marscher

DATE CONSIDERED

11-8-99

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 7475-29603		SERIAL NO. 08/869,275	
LIST OF PRIOR ART CITED BY APPLICANT				APPLICANT Carl T. Wittwer et al.			
				FILING DATE June 4, 1997		GROUP <del>2505</del> 1655	
OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc.)							
AM	DA		Barnes, W.M., "PCR Amplification of up to 35-kb DNA with High Fidelity and High Yield from $\lambda$ Bacteriophage Templates," <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 91, pp. 2216-2220 (1994).				
AM	DB		Brown, A.B., et al., "Rapid Cycle Amplification For Construction of Competitive Templates," <u>Genetic Engineering with PCR</u> , Edited by: Horton, R.M., Horizon Scientific Press, Wymondham, U.K., Chap. 4 (1997)				
AM	DC		Cao, T.M., "A Simple and Inexpensive System to Amplify DNA by PCR," <u>BioTechniques</u> , Vol. 7, No. 6, pp. 566-67 (1989).				
AM	DE		Cardullo, R.A., et al., "Detection of Nucleic Acid Hybridization by Nonradiative Fluorescence Resonance Energy Transfer," <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 85, pp. 8790-94 (1988).				
AM	DF		Cotton, R. G. H., "Detection of Single Base Changes in Nucleic Acids," <u>The Biochemical Journal</u> , Vol. 263, pp. 1-10, October 1, 1989.				
AM	DG		Denton, P., et al., "A Low-Cost Air-Driven Cycling Oven," <u>PCR Protocols: A Guide to Methods and Applications</u> , Edited by M.A. Innis, et al., Academic Press, Inc., San Diego, Chap. 52, pp. 435-41 (1990).				
AM	DH		Findlay, J.B., et al., "Automated Closed-Vessel System for in Vitro Diagnostics Based on Polymerase Chain Reaction," <u>Clinical Chemistry</u> , Vol. 39, No. 9, pp. 1927-33 (1993).				
AM	DI		Ghosh, S.S., et al., "Real Time Kinetics of Reduction Endonuclease Cleavage Monitored by Fluorescence Resonance Energy Transfer," <u>Nucleic Acids Research</u> , Vol. 22, No. 15, pp. 3155-59 (1994).				
AM	DJ		Goldner, H., "PCR update: New Techniques Multiply Uses," <u>R&amp;D Magazine</u> , Vol. 36, No. 4, pp. 55 (March 1994).				
AM	DK		Graham, A., "A Haystack of Needles: Applying the Polymerase Chain Reaction," <u>Chemistry and Industry</u> , No. 18, pp. 718 (19 September 1994).				
AM	DL		Gustafson, C.E., et al., "Effect of Heat Denaturation of Target DNA on the PCR Amplification," <u>Gene</u> , Vol. 123, pp. 241-44 (1993).				
AM	DM		Higuchi, R., et al., "Simultaneous Amplification and Detection of Specific DNA Sequences," <u>Bio/Technology</u> , Vol. 10, pp. 413-17 (1992).				
AM	DN		Higuchi, R., et al., "Kinetic PCR Analysis: Real-time Monitoring of DNA Amplification Reactions," <u>Bio/Technology</u> , Vol. 11, pp. 1026-30 (1993).				
AM	DO		Hillen, W., et al., "High Resolution Experimental and Theoretical Thermal Denaturation Studies on Small Overlapping Restriction Fragments Containing the <i>Escherichia coli</i> Lactose Genetic Control Region," <u>The Journal of Biological Chemistry</u> , Vol. 256, No. 6, pp. 2761-2766 (1981).				
AM	DP		Hiyoshi, M., et al., "Assay of DNA Denaturation by Polymerase Chain Reaction-Driven Fluorescence Resonance Energy Transfer," <u>Analytical Biochemistry</u> , Vol. 221, pp. 306-11 (1994).				
AM	DQ		Hoffman, L.M., et al., "Use of a Gas Chromatograph Oven for DNA Amplification by the Polymerase Chain Reaction," <u>BioTechniques</u> , Vol. 6, No. 10, pp. 932-36 (1988).				
AM	DR		Holland, P.M., et al., "Detection of Specific Polymerase Chain Reaction Product by Utilizing the 5' 3' Exonuclease Activity of <i>Thermus Aquaticus</i> DNA Polymerase," <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 88, pp. 7276-80 (1991).				
AM	DS		Hopfenbeck, J.A., et al., "Digoxigenin-Labeled Probes Amplified from Genomic DNA Detect T-Cell Gene Rearrangements," <u>American Journal of Clinical Pathology</u> , Vol. 97, No. 5, pp. 638-44 (1992).				
EXAMINER Aedin Manshel				DATE CONSIDERED 11-8-99			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 7475-29603	SERIAL NO. 08/869,275
LIST OF PRIOR ART CITED BY APPLICANT		APPLICANT Carl T. Wittwer et al.	
		FILING DATE June 4, 1997	GROUP <del>3385</del> 1655

## OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc.)

AM	DY	Ishiguro, T., et al., "Homogeneous Quantitative Assay of Hepatitis C Virus RNA by Polymerase Chain Reaction in the Presence of a Fluorescent Intercalater," <u>Analytical Biochemistry</u> , Vol. 229, pp. 207-13 (1995).
AM	DZ	Kang, J., et al., "Exact Quantification of DNA-RNA Copy Numbers by PCR-TGGE," <u>PCR Strategies</u> , Academic Press, Inc., Chap 15, pp. 189-98 (1995).
AM	EA	Ke, S., et al., "Influence of Nearest Neighbor Sequence on the Stability of Base Pair Mismatches in Long DNA: Determined by Temperature-Gradient Gel Electrophoresis," <u>Nucleic Acids Research</u> , Vol. 21, No. 22, pp. 5137-43 (1993).
AM	EB	Lee, L.G., et al., "Allelic Discrimination by Nick-Translation PCR with Fluorogenic Probes," <u>Nucleic Acids Research</u> , Vol. 21, No. 16, pp. 3761-66 (1993).
AM	EC	Linz, U., "Thermocycler Temperature Variation Invalidates PCR Results," <u>Biotechniques</u> , Vol. 9, No. 3, pp. 286-90 (1990).
AM	ED	Livak, K.J., et al., "Oligonucleotides with Fluorescent Dyes at Opposite Ends Provide a Quenched Probe System Useful for Detecting PCR Product and Nucleic Acid Hybridization," <u>PCR Methods and Applications</u> , Vol. 4, pp. 357-62 (1995).
AM	EE	Livak, K.J., "Quantitation of DNA/RNA Using Real-Time PCR Detection," <u>Perkin-Elmer Applied Biosystems Report</u> (1996).
AM	EF	Morrison, L.E., "Detection of Energy Transfer and Fluorescence Quenching," <u>Nonisotopic DNA Probe Techniques</u> , Edited by: Larry J. Kricka, Academic Press, Inc., San Diego, Chap. 13, pp. 311-52 (1992).
AM	EG	Morrison, L.E., et al., "Sensitive Fluorescence-Based Thermodynamic and Kinetic Measurements of DNA Hybridization in Solution," <u>Biochemistry</u> , Vol. 32, pp. 3095-3104 (1993).
AM	EH	Nilsson, P., et al., "Real-Time Monitoring of DNA Manipulations Using Biosensor Technology," <u>Analytic Biochemistry</u> , Vol. 224, pp. 400-408 (1995).
AM	EI	Oste, C.C., "PCR Instrumentation: Where Do We Stand?," <u>The Polymerase Chain Reaction</u> , Edited by Mullis, et al., Birkhauser, Boston, Chap. 14 (1994).
	EJ	<del>Perry, R.H., et al., "Heat Transmission by Radiation," <u>Chemical Engineers' Handbook</u>, 5th ed., McGraw Hill Book Co., New York, Chap. 10, pp. 48-56 (1977).</del>
AM	EK	Ririe, K.M., et al., "Product Differentiation by Analysis of DNA Melting Curves during the Polymerase Chain Reaction," <u>Analytical Biochemistry</u> , Vol. 254, pp. 154-160 (1997).
AM	EL	Segal, G.H., et al., "Identification of Monoclonal B-cell Populations by Rapid Cycle Polymerase Chain Reaction," <u>The American Journal of Pathology</u> , Vol. 141, No. 6, pp. 1291-97 (1992).
AM	EM	Service, R.E., "The Incredible Shrinking Laboratory: Microchips Allow Miniaturization of Analytical Laboratories," <u>Science</u> , Vol. 268, No. 5207, pp. 26 (7 April 1995).
AM	EN	Stimpson, D.I., "Real-time Detection of DNA Hybridization and Melting on Oligonucleotide Arrays by Using Optical Wave Guides," <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 92, pp. 6379-83 (1995).
AM	EO	Swerdlow, H., et al., "Fully Automated DNA Reaction and Analysis in a Fluidic Capillary Instrument," <u>Anal. Chem.</u> , Vol. 69, pp. 848-855 (1997).
AM	EP	Tombler, E.R., et al., "Spectrofluorometric Assay for Hybridization of Oligodeoxynucleotides Using Ethidium Dimer," <u>BioTechniques</u> , Vol. 15, No. 6, pp.1060-64 (1993).

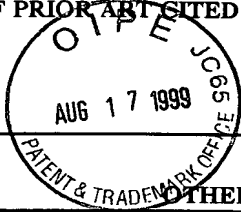
EXAMINER


Arden Marschel

DATE CONSIDERED

11-8-99

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 7475-29603	SERIAL NO. 08/869,275
<b>LIST OF PRIOR ART CITED BY APPLICANT</b>  <div style="text-align: center;">  </div>				APPLICANT Carl T. Wittwer et al.	
				FILING DATE June 4, 1997	
<b>OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc.)</b>					
AM	EQ		Tyagi, S., et al., "Molecular Beacons: Probes that Fluoresce upon Hybridization," <u>Nature Biotechnology</u> , Vol. 14, pp. 303-08 (1996).		
AM	ER		Weis, J.H., et al., "Detection of Rare mRNAs via Quantitative RT-PCR," <u>Trends in Genetics</u> , Vol. 8, No. 8, pp. 263-64 (1992).		
AM	ES		Wilding, et al., "PCR in Silicon Microstructure," <u>Clinical Chemistry</u> , Vol. 40, No. 9, pp. 1815-18, (1994).		
	ET		<del>Willard, H.H., et al., "Gas Chromatography," Instrumental Methods of Analysis, 6th ed., Wadsworth Publishing Co., Belmont, CA, Chap. 16, pp. 454 (1997).</del>		
AM	EU		Wittwer, C.T., et al., "Minimizing the Time Required for DNA Amplification by Efficient Heat Transfer to Small Samples," <u>Analytical Biochemistry</u> , Vol. 186, pp. 328-31 (1990).		
AM	EV		Wittwer, C.T., et al., "Automated Polymerase Chain Reaction in Capillary Tubes with Hot Air," <u>Nucleic Acids Research</u> , Vol. 17, No. 11, pp. 4353-4357 (1989).		
AM	EW		Wittwer, C.T., et al., "Rapid Cycle DNA Amplification: Time and Temperature Optimization," <u>BioTechniques</u> , Vol. 10, No. 1, pp. 76-83 (1991).		
AM	EX		Wittwer, C.T., et al., "Rapid Cycle Allele-Specific Amplification: Studies with the Cystic Fibrosis $\Delta F_{508}$ Locus," <u>Clinical Chemistry</u> , Vol. 39, No. 5, pp. 804-809 (1993).		
AM	EY		Wittwer, C.T., et al., "Rapid Cycle DNA Amplification," <u>The Polymerase Chain Reaction</u> , Edited by: Mullis, et al., Birkhauser, Boston, Chap. 15 (1994).		
AM	EZ		Wittwer, C.T., et al., "Continuous Fluorescence Monitoring of Rapid Cycle DNA Amplification," <u>BioTechniques</u> , Vol. 22, pp. 130-138 (1997).		
AM	FA		Wittwer, C.T., et al., "The LightCycler: A Microvolume Multisample Fluorimeter with Rapid Temperature Control," <u>BioTechniques</u> , Vol. 22, pp. 176-181 (1997).		
<del>AM</del>	<del>FB</del>		<del>Wittwer, C.T., et al., "Fluorescence Monitoring of Rapid Cycle PCR For Quantification," <u>Gene Quantification</u>, Edited by: Ferre, F., Birkhauser, Boston (1997).</del>		
AM	FC		Yguerabide, J., et al., "Quantitative Fluorescence Method for Continuous Measurement of DNA Hybridization Kinetics Using a Fluorescent Intercalator," <u>Analytical Biochemistry</u> , Vol. 228, pp. 208-20 (1995).		
AM	FD		Biotherm Corporation Advertisement, BioOven (1991).		
AM	FE		Ericomp Advertisement, Twinblock System (1991).		
AM	FF		Techne Advertisement, PHC-1 Dri-Block (1988).		
AM	FG		Hybaid Advertisement, Hybaid Heating and Cooling Block (1988).		
AM	FH		Eppendorf Advertisement, Eppendorf MicroCycler (1988).		
AM	FI		COY Advertisement, Tempecycler Model 50 Microtube Incubator (1991).		
EXAMINER <i>Arden Marschel</i>				DATE CONSIDERED <i>11-8-99</i>	
<p><small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small></p>					

PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 7475-29603		SERIAL NO. 08/869,275	
LIST OF PRIOR ART CITED BY APPLICANT				APPLICANT Carl T. Wittwer et al.			
				FILING DATE June 4, 1997		GROUP <i>1655</i> <del>2505</del>	
							
OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc.)							
<i>AM</i>	FJ	Idaho Technology Advertisement and Specification Sheets for 1605 Product (1991).					
<i>AM</i>	FK	Perkin-Elmer Advertisement, ABI Prism 7700 Sequence Detection System (1991).					
<i>AM</i>	FL	Clark, et al., "Cassettes Simplify Small-sample Dialysis," R&D Magazine, p.31, September 1995.					
<i>AM</i>	FM	"Let the Microchip Fall Where Diagnostics Lies: Implications: A Diagnostic Revolution?," Genesis Report-Dx, Vol. 4, No. 3 (1994).					
<i>AM</i>	FN	"Let the Microchip Fall Where Diagnostics Lies: Implications: Affymetrix: DNA on a Chip," Genesis Report-Dx, Vol. 4, No. 3 (1994).					
<i>AM</i>	FO	"PCR Detection Blows Cover on Lyme Disease, Q Fever," Biotechnology Newswatch, Vol. 10, No. 1 (Jan. 1, 1990).					
<i>AM</i>	FP	Schoffner et al., "Chip PCR. I. Surface passivation of microfabricated silicon-glass chips or PCR", <u>Nucleic Acids Research</u> , Vol. 24, No. 2, pp. 375-379, 1996.					
<i>AM</i>	FQ	Cheng et al., "Chip PCR. II. Investigation of different PCR amplification systems in microfabricated silicon-glass chips", <u>Nucleic Acids Research</u> , Vol. 24, No. 2, pp. 380-385, 1996.					
	FR	<del>Operation manual for HP 5880A Gas Chromatograph</del>					
<i>AM</i>	FS	Operation manual for the MIC 6000, <i>Jan, 1987</i>					
EXAMINER <i>Arden Mascher</i>				DATE CONSIDERED <i>11-8-99</i>			
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							